

## ABSTRACT

Appropriate performance design of various mechanisms employed in a post-paint treatment and a post-dry treatment is realized. Paint weight calculation is executed. Firstly, the amount of dry adhered paint is calculated by multiplying the work area by a coating thickness distribution value, and the weight of dry adhering paint is calculated by multiplying the amount of dry adhering paint by the specific gravity of the dry paint. Meanwhile, the weight of dry paint or the weight of dry paint sprayed from a paint machine is calculated by multiplying the weight of sprayed paint by a paint NV, the weight of dry non-adhered paint is calculated by subtracting the weight of dry adhering paint from the weight of dry sprayed paint, and then capacities of various mechanisms are designed using the calculation results.

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